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1 Measuring similarity of interests for clustering web-users
Jitian Xiao, Yanchun Zhang, Xiaohua Jia, Tianzhu Li
January 2001 **ADC '01:** Proceedings of the 12th Australasian database conf
Publisher: IEEE Computer Society

Full text available: 📄 Publisher Site , 📄 Pdf (765.70 KB) Additional Information: full citatio
                                                                                    index terr

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 42, Citation (

There has been an increased demand for understanding of web-users di
and the increased number of web-based applications. Informative know
user access patterns has been used for many applications, such as ...

2 PageCluster: Mining conceptual link hierarchies from Web log files fc
💠 navigation
Jianhan Zhu, Jun Hong, John G. Hughes
May 2004 **Transactions on Internet Technology (TOIT)** , Volume 4 Issue
Publisher: ACM

Full text available: 📄 Pdf (280.84 KB)   Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 100, Citatio

User traversals on hyperlinks between Web pages can reveal semantic r
pages. We use user traversals on hyperlinks as weights to measure sem
Web pages. On the basis of these weights, we propose a novel ...

Keywords: Link hierarchies, Web site navigation, bibliographic analysis
hierarchies, link similarity

3 User-assisted similarity estimation for searching related web pages
💠 Lin Li, Zhenglu Yang, Kulwadee Somboonviwat, Masaru Kitsuregawa
September 2007 **HT '07:** Proceedings of the eighteenth conference on Hype
Publisher: ACM

Full text available: 📄 Pdf (251.81 KB)   Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 104, Citatio

To utilize the similarity information hidden in the Web graph, we investi
adaptively retrieving related Web pages with user assistance. Given a d
between pages, it is intuitive to estimate that any similarity ...

Keywords: clustering, graph partitioning, similarity search

4 Web user clustering from access log using belief function

Yunjuan Xie, Vir V. Phoha

October 2001 **K-CAP '01:** Proceedings of the 1st international conference o

Publisher: ACM

Full text available: Pdf (200.21 KB)   Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 113, Citatio

In this work, we present a novel approach to clustering Web site users i
generating common user profiles. These profiles can be used to make re
personalize Web sites, and for other uses such as targeting users for ...

Keywords: Dempster-Shafer, access log, clustering, common user prof
mining

5 Visualizing web site comparisons

Bing Liu, Kaidi Zhao, Lan Yi

May 2002 **WWW '02:** Proceedings of the 11th international conference on

Publisher: ACM

Full text available: Pdf (1.01 MB)   Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 95, Citation

The Web is increasingly becoming an important channel for conducting l
information, and communicating with people on a global scale. More and
organizations, and individuals are publishing their information on the ...

Keywords: browsing, business intelligence, user-interface, visualizatior

6 Query Directed Web Page Clustering

Daniel Crabtree, Peter Andreae, Xiaoying Gao

December 2006 **WI '06:** Proceedings of the 2006 IEEE/WIC/ACM Internatio
Intelligence

Publisher: IEEE Computer Society

Full text available: Pdf (1.68 MB)   Additional Information: full citation, abstract, in

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 67, Citation

Web page clustering methods categorize and organize search results int
clusters that assist users with search refinement; but finding clusters th
meaningful to users is difficult. In this paper, we describe ...

7 Using retrieval measures to assess similarity in mining dynamic web

Olfa Nasraoui, Cesar Cardona, Carlos Rojas

August 2005 **KDD '05:** Proceedings of the eleventh ACM SIGKDD internatio
Knowledge discovery in data mining

Publisher: ACM

Full text available: Pdf (1.04 MB)   Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 12,   Downloads (12 Months): 159,   Citatio

While scalable data mining methods are expected to cope with massive
evolving trends in noisy data in a continuous fashion, and without any u
reconfigurations is still an open challenge. This dynamic and ...

Keywords: artificial immune systems, clustering, mining evolving data
data mining, web mining

8   Learning implicit user interest hierarchy for context in personalizatior
    Hyoung R. Kim, Philip K. Chan
    January 2003 **IUI '03**: Proceedings of the 8th international conference on I
    Publisher: ACM
    Full text available: Pdf (191.53 KB)   Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 5,   Downloads (12 Months): 78,   Citation (

To provide a more robust context for personalization, we desire to extra
(long-term) to specific (short-term) interests of a user. Our proposed ap
interest hierarchy (UIH) from a set of web pages visited ...

Keywords: clustering algorithm, concept clustering, user interest hiera

9   A study of the effects of bias in criterion functions for temporal data c
    Cen Li, Jungsoon Yoo
    March 2005 **ACM-SE 43: Proceedings of the 43rd annual Southeast re
    Volume 1** , Volume 1
    Publisher: ACM
    Full text available: Pdf (481.59 KB)   Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 2,   Downloads (12 Months): 22,   Citation (

In this paper, we study the bias associated with modeling methods and
temporal data clustering. In particular, we experimentally study two app
discrete valued uni-variate temporal data. The first approach ...

Keywords: Levenshtein distance, Markov chain clustering, clustering ai
applications, similarity measures, temporal data clustering

10 Proceeding of the 10th ACM workshop on Web information and data
    Chee-Yong Chan, Neoklis Polyzotis
    October 2008 **WIDM '08:** Proceeding of the 10th ACM workshop on Web inf
    management
    Publisher: ACM
    Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): n/a,   Downloads (12 Months): n/a,   Citatio

The *ACM CIKM08 Workshop on Web Information and Data Management*
in a series of workshops on Web Information and Data Management hel
International Conference on Information and Knowledge Management ..

11 Spectral geometry for simultaneously clustering and ranking query s₁

Ying Liu, Wenyuan Li, Yongjing Lin, Liping Jing

July 2008   **SIGIR '08:** Proceedings of the 31st annual international ACM S
Research and development in information retrieval

Publisher: ACM

Full text available: Pdf (3.21 MB)   Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 45,   Downloads (12 Months): 285,   Citatio

How best to present query search results is an important problem in se₁
retrieval systems. When a single query retrieves many results, simply s
will provide users with poor overview. Nowadays, ranking ...

Keywords: clustering, query search, ranking, spectral geometry

12 Graph-based sequence clustering through multiobjective evolutionar
recommender systems

Gül Nildem Demir, A. Sima Uyar, Sule Gündüz Öğüdücü

July 2007   **GECCO '07:** Proceedings of the 9th annual conference on Gene
computation

Publisher: ACM

Full text available: Pdf (264.41 KB)   Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 6,   Downloads (12 Months): 77,   Citation (

In web recommender systems, clustering is done offline to extract usag
recommendation highly depends on the quality of this clustering solutio
applications, data to be clustered is in the form of user sessions ...

Keywords: evolutionary algorithms, graph-based clustering, multiobjec

13 Multiobjective clustering with automatic k-determination for large-sca

Nobukazu Matake, Tomoyuki Hiroyasu, Mitsunori Miki, Tomoharu Senda

July 2007   **GECCO '07:** Proceedings of the 9th annual conference on Gene
computation

Publisher: ACM

Full text available: Pdf (1.80 MB)   Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 8,   Downloads (12 Months): 78,   Citation (

Web mining - data mining for web data - is a key factor of web technolc
behavior mining has attracted a great deal of attention recently. Behavi
the behavior of users, finding patterns of user behavior, ...

Keywords: data mining, multi-objective optimization, pattern recogniti
speedup technique

14 Web-based evidence excavation to explore the authenticity of local ₁

Ryong Lee, Daisuke Kitayama, Kazutoshi Sumiya

October 2008 **WICOW '08:** Proceeding of the 2nd ACM workshop on Inform

Publisher: ACM

Full text available: Pdf (713.51 KB)   Additional Information: full citation, abstract, re

With the increasing employment of the Web in our daily lives, we often
real-world events. The difference with normal web searches is that user
event is true or false based on firm facts. In this paper, ...

Keywords: authority, credibility, trustworthiness, web search

15 Analyzing clusters of web application user sessions

Sreedevi Sampath, Sara Sprenkle, Emily Gibson, Lori Pollock, Amie Souter
July 2005 **WODA '05:** Proceedings of the third international workshop on
Publisher: ACM

Full text available: Pdf (217.69 KB)   Additional Information: full citation, abstract, re

User sessions provide valuable insight into the dynamic behavior of web
a key role in user-session-based testing, which gathers user sessions in
selected sessions to test an evolving application. To ...

Also published in:
July 2005 **SIGSOFT Software Engineering Notes** Volume 30 Issue 4

16 Generating maps of web pages using cellular automata

Hanene Azzag, David Ratsimba, David Da Costa, Gilles Venturini, Christian
May 2006 **WWW '06:** Proceedings of the 15th international conference on
Publisher: ACM

Full text available: Pdf (122.45 KB)   Additional Information: full citation, abstract, re

The aim of web pages visualization is to present in a very informative ai
web documents to the user in order to let him or her navigate through t
context, this may correspond to several user's tasks: ...

Keywords: cellular automata, unsupervised clustering, visualization, w

17 Similarity-based clustering of Web transactions

Giuseppe Manco, Riccardo Ortale, Domenico Saccà
March 2003 **SAC '03:** Proceedings of the 2003 ACM symposium on Applied
Publisher: ACM

Full text available: Pdf (595.71 KB)   Additional Information: full citation, abstract, re

We introduce a measure to compute similarity between two sequences (
pages, to be exploited in a clustering approach for grouping sessions of
notion of sequence similarity is parametric to the sequence ...

18

Matrix Dimensionality Reduction for Mining Web Logs

Jianjiang Lu, Baowen Xu, Hongji Yang
October 2003 **WI '03**: Proceedings of the 2003 IEEE/WIC International Con
Publisher: IEEE Computer Society
Full text available: Publisher Site   Additional Information: full citation, abstract, cit

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

Web-based logs contain potentially useful data with which designers car
effectiveness of their choices. Clustering techniques have been used to
typical user profiles from Web access logs recently. But it ...

19 Discovering user access pattern based on probabilistic latent factor r
Guandong Xu, Yanchun Zhang, Jiangang Ma, Xiaofang Zhou
January 2005 **ADC '05: Proceedings of the 16th Australasian databas**
39 . Volume 39
Publisher: Australian Computer Society, Inc.
Full text available: Pdf (307.10 KB)   Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 74, Citation C

There has been an increased demand for characterizing user access pat
techniques since the informative knowledge extracted from web server
benefits for web site structure improvement but also for better ...

Keywords: probabilistic latent semantic model, user profile, web linkac
mining

20 Discovering task-oriented usage pattern for web recommendation
Guandong Xu, Yanchun Zhang, Xiaofang Zhou
January 2006 **ADC '06: Proceedings of the 17th Australasian Database**
49 . Volume 49
Publisher: Australian Computer Society, Inc.
Full text available: Pdf (248.99 KB)   Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 87, Citation C

Web transaction data usually convey user task-oriented behaviour patte
technique is able to capture such informative knowledge about user task
With the discovered usage pattern information, it is possible ...

Keywords: task-oriented usage pattern, web recommendation, web us

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